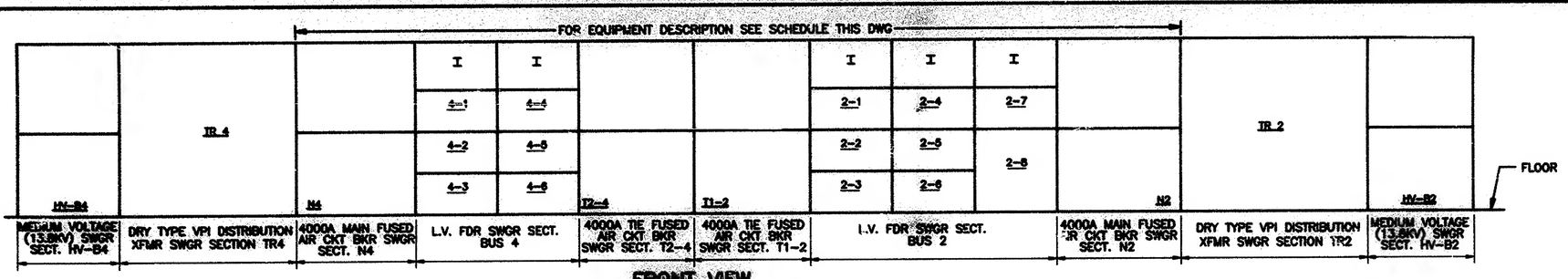
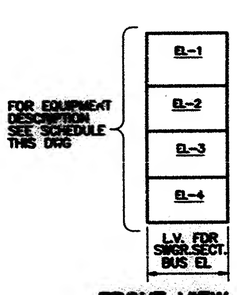
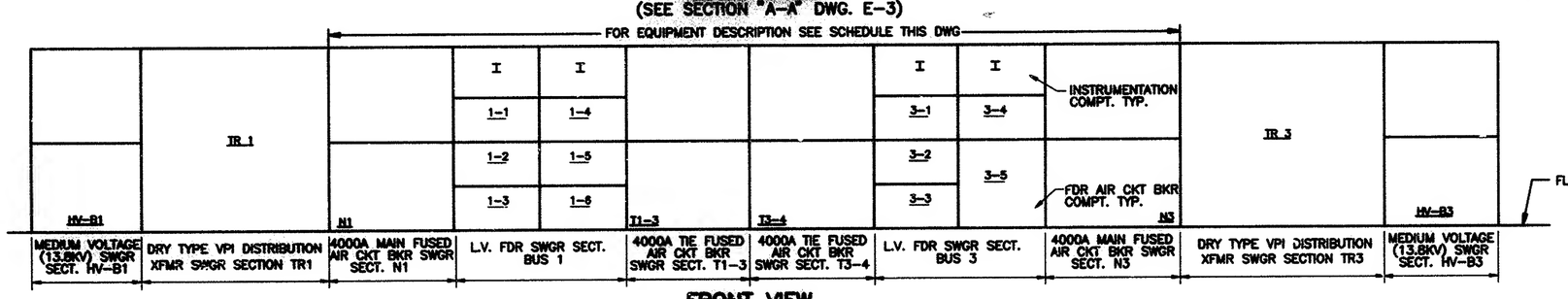


FRONT VIEW
(SEE SECTION "A-A" DWG. E-3)



FRONT VIEW
(SEE SECTION "E-E" DWG. E-3)



FRONT VIEW
(SEE SECTION "B-B" DWG. E-3)

LOW VOLTAGE MAIN, TIE AND FEEDER AIR CIRCUIT BREAKERS SCHEDULE

SWITCHGEAR SECTIONS	BKR COMPT. NO.	LOAD DESCRIPTION	CIRCUIT BREAKER CHARACTERISTICS & ACCESSORIES										CONDUIT	
			FRAME	TRIP	SOLID STATE TRIP UNIT						FUSE ⟨1⟩	DESIGNATION	QTY	SIZ
					L.T.	S.T.	INSTA.	G.F.	U.V. TRIP	MONITORING & CONTROL FUNCTIONS. SEE SPECS				
MAIN FUSED AIR CKT BKR-SWGR SECT. N1	N1	MAIN AIR CKT. BREAKER 75 N A1 N1	4000A	4000A	X	X	X	X	--	--	5000A	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-1	SPARE	1600A	1600A	X	X	X	X	X	X	2500A	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-2	(R2a) 480/277V ELEC. CLOS. "N" 77th TO 84th FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SN75R-2a	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-3	(R8) PONYA - 70th FLOOR HVAC AND COMPUTER (75KVA TRANSF)	800A	400A	X	X	X	X	X	X	600A	F-SN75R-8	1	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-4	(R4) ELEVATOR BUS #EL-75N VIA TRANSFER SWITCH	1600A	1200A	X	X	X	X	--	X	2000A	F-SN75R-4	3	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-5	SPACE ⟨2⟩	1600A	--	--	--	--	--	--	--	--	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-6	PANEL #DP-75N	800A	800A	X	X	X	X	X	X	1200A	(1-6)	2	3 1/
TIE FUSED AIR CKT BKR-SWGR SECT. T1-3	T1-3	TIE AIR CKT. BREAKER 75 N T1-3	4000A	4000A	X	X	X	X	--	X	4000A			
MAIN FUSED AIR CKT BKR-SWGR SECT. N2	N2	MAIN AIR CKT. BREAKER 75 N A2 N2	4000A	4000A	X	X	X	X	--	--	5000A	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-1	(R1) 208/120V TRANS'F-ELEC. CLOS. "N" 77th TO 92nd FL	1600A	800A	X	X	X	X	X	X	1200A	F-SN75R-1	2	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-2	(R2b) 480/277V ELEC. CLOS. "N" - 85th TO 92nd FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SN75R-2b	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-3	(R-9) PONYA - N.W. TRANSFER SWITCH, 70th FL.	800A	400A	X	X	X	X	X	X	600A	F-SN75R-9	1	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-4	(R5) MOTOR CONTROL CENTER # MN75R	1600A	1200A	X	X	X	X	X	X	2000A	F-SN75R-5	3	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-5	SPARE	1600A	1600A	X	X	X	X	X	X	2500A	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-6	(R-BT) EMERG LIGHTING PANELS ALTERNATE SOURCE 59th TO 92nd	800A	225A	X	X	X	X	--	X	350A	F-SN75R-BT	1	2 1/
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-7	(R3) WATER SUPPLY PUMPS (1-75HP & 1-40HP)	800A	400A	X	X	X	X	X	X	600A	F-SN75R-3	1	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-8	SPARE	2000A	2000A	X	X	X	X	X	X	3000A	--	--	-
TIE FUSED AIR CKT BKR-SWGR SECT. T1-2	T1-2	TIE AIR CKT. BREAKER 75 N T1-2	4000A	4000A	X	X	X	X	--	X	4000A			
MAIN FUSED AIR CKT BKR-SWGR SECT. N3	N3	MAIN AIR CKT. BREAKER 75 N A3 N3	4000A	4000A	X	X	X	X	--	--	5000A	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-1	SPARE	1600A	1600A	X	X	X	X	X	X	2500A	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-2	(L4b) 480/277V - ELEC. CLOS. "N" - 59th TO 66th FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SN75L-4b	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-3	SPARE	800A	800A	X	X	X	X	X	X	1200A	--	1	-
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-4	(L5) HOT WATER HEATERS	800A	400A	X	X	X	X	X	X	600A	F-SN75L-5	1	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-5	(L1) ELEVATOR DISTRIBUTION PANELS EL-A75W-A & EL-A76E-A	2000A	2000A	X	X	X	X	--	X	3000A	F-SN75L-1	5	3 1/
TIE FUSED AIR CKT BKR-SWGR SECT. T3-4	T3-4	TIE AIR CKT. BREAKER 75 N T3-4	4000A	4000A	X	X	X	X	--	X	4000A			
MAIN FUSED AIR CKT BKR-SWGR SECT. N4	N4	MAIN AIR CKT. BREAKER 75 N A4 N4	4000A	4000A	X	X	X	X	--	--	5000A	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-1	(L3) 208/120V TRANS'F. ELEC. CLOS. "N" - 59th TO 74th FL	1600A	800A	X	X	X	X	X	X	1200A	F-SN75L-3	2	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-2	(L4a) 480/277V - ELEC. CLOS. "N" - 67th TO 74th FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SN75L-4a	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-3	SPACE ⟨2⟩	800A	--	--	--	--	--	--	X	--	--	1	-
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-4	(L7) MOTOR CONTROL CENTER #MN75L	1600A	1200A	X	X	X	X	X	X	2000A	F-SN75L-7	3	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-5	SPACE	1600A	--	--	--	--	--	--	--	--	--	--	-
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-6	(LBT) FIRE PUMP (150 HP)	800A	600A	X	X	X	--	--	X	1000A	F-SN75L-BT	2	3"
TIE FUSED AIR CKT BKR-SWGR SECT. T2-4	T2-4	TIE AIR CKT. BREAKER 75 N T2-4	4000A	4000A	X	X	X	X	--	X	4000A			
LOW VOLTAGE FDR SWGR SECT. BUS EL	---	L.V. FDR. SWGR. SECT. 75 N BUS EL (INCOMING FEEDER R-4)	--	--	--	--	--	--	--	--	--	F-SN75R-4	3	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-1	(R10) ELEVATOR DISTRIBUTION PANEL # EL-A-56A	600A	300A	X	X	X	X	--	X	450A	F-SN75R-10	1	2 1/
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-2	(R11) ELEVATOR DISTRIBUTION PANEL # EL-A-63A	800A	400A	X	X	X	X	--	X	600A	F-SN75R-11	1	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-3	(R12) ELEVATOR DISTRIBUTION PANEL # EL-A-69A	800A	400A	X	X	X	X	--	X	600A	F-SN75R-12	1	3 1/
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-4	(R13) ELEVATOR DISTRIBUTION PANEL # EL-A-76A	800A	600A	X	X	X	X	--	X	1000A	F-SN75R-13	2	3"